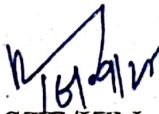


Technical Specifications

S.No.	Technical Specification	Compliance (Yes/No)
1	Firewall appliance should be 1 RU rack mountable appliance with Firewall throughput 71 Gbps, NGFW throughput 22 Gbps, 16 million Concurrent Session, New connections/sec 350K, Threat Protection throughput 24 Gbps, 60 Gbps IPSEC VPN Throughput	
2	Hardware should have at least 8 Ports RJ45, 4 Ports 10G SFP+ port, flexible to use any port as LAN, WAN, or DMZ ports, 1 x RJ45 MGMT, 1 x COM RJ45, 1 x Micro-USB, inbuilt 240 GB SSD	
3	The solution should have GUI/CLI based management console, user threat level mapping, cloud application usage visibility, SDWAN based on jitter/latency/packet loss, reporting analyzer function, ability to identify risky users based on browsing behavior, integration provision with managed services, IPv6 certified, malicious file reports with screenshot and dashboard file release capability.	
4	The solution should provide TLS inspection offers high performance, support for TLS 1.3 with no downgrading, port agnostic, enterprise-grade policies.	
5	Solution should support Static Routing, BGP and OSPFv3 routing.	
6	Solution should have the option for configuring High Availability (HA) clustering two devices in active-active or active-passive mode.	
7	The solution should have SNMP v3 and Netflow support.	
8	Web protection features should have URL Filter database with millions of sites across in categories and file type filtering by mime-type, extension and active content types (e.g. Activex, applets, cookies, etc.)	
9	Proposed firewall should have control over application traffic based on category/individual application, characteristics, technology and risk level.	
10	Gateway level Intrusion Prevention (IPS) should have high-performance with IPS deep packet inspection engine with selective IPS patterns for maximum performance and protection, should have 5000+ signatures and also provision to create custom IPS signatures	
11	Solution should have pre-defined dashboards for Traffic, Security, and User behavior analysis report. Granular Web & Application usage reporting, Network & Threats (IPS, TP, Wireless), VPN, Email, Compliance like HIPAA, PCI, GLBA, CIPA reports and Export reports as HTML, PDF, Excel.	
12	Three Year Subscription license for Firewall, Gateway Anti-Virus/ Anti-malware, DPI SSL, Web Filtering Service, App Control Service, Advanced Malware Protection, Sandbox Cloud Service, Botnet/C&C protection/ATP, Intrusion Prevention System (IPS), 24x7 support, security and software updates, adv. exchange warranty for the period.	
13	The Firewall OS family or Hardware should be certified under security related functions ICSA Lab Firewall Certification, MTCTE certification from TEC, OEM should have ISO 9001 and ISO 27001 certification. Proof for same shall be submitted	
14	NGFW Firewall OS family or Hardware should be IPv6 ready logo certified. Proof for same shall be submitted	

15	Appliances should have 3-year licenses, advanced replacement warranty & 24/7 OEM online support.	
16	The Firewall Software OS family should be Common criteria EAL4+ Certificate OR Indian Common Criteria Certification Scheme (IC3S). Proof for same shall be submitted	
17	OEM should have sales, support and warranty RMA center in India	
18	OEM Support Escalation Matrix to be attached in bid.	
19	The Bidder shall provide the Bid Specific "Manufacturer's Authorization Form" by OEM specific to participate in this tender.	


DSTE/IZN


SSE/TELE/EXCH/IZN